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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(X) Original () Supplemental () Substitute () PCT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**MEMS BASED ACOUSTIC ARRAY**", which is described and claimed in the specification

(check one) ☐ which is attached hereto, or
 ☒ which was filed on November 28, 2001, as United States Application No. 09/997,113 and with amendments through (if applicable), or
 ☐ in International Application No. PCT/, filed , and as amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) or §365(b) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATIONS: (ENTER BELOW IF APPLICABLE)			PRIORITY CLAIMED (MARK APPROPRIATE BOX BELOW)	
APP. NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	YES	NO

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/253,525	November 28, 2000

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s)

listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS (MARK APPROPRIATE COLUMN BELOW)		
		PATENTED	PENDING	ABANDONED

I hereby appoint the following attorneys and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



23859

PATENT TRADEMARK OFFICE

Address all telephone calls to Tim Tingkang Xia at telephone no. (404) 688-0770.

Address all correspondence to:

Tim Tingkang Xia, Esquire
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ATTORNEY DOCKET NO. 21011.0041U2

Full name of first inventor: Mark Sheplak

Inventor's signature: _____

Date: 3/22/02

Residence: 8600 SW, 103rd Avenue, Gainesville, Florida 32608, U.S.A.

Post Office Address: 8600 SW, 103rd Avenue, Gainesville, Florida 32608, U.S.A.

Citizenship: U.S.A.

Full name of second inventor: Toshikazu Nishida

Inventor's signature: _____

Date: 3/22/02

Residence: 2256 NW, 5th Place, Gainesville, Florida 32603, U.S.A.

Post Office Address: 2256 NW, 5th Place, Gainesville, Florida 32603, U.S.A.

Citizenship: U.S.A.

Full name of third inventor: William M. Humphreys, Jr.

Inventor's signature: _____

Date: _____

Residence: 873 Melrose Terrace, Newport News, Virginia 23608, U.S.A.

Post Office Address: 873 Melrose Terrace, Newport News, Virginia 23608, U.S.A.

Citizenship: U.S.A.

Full name of fourth inventor: David P. Arnold

Inventor's signature: _____

Date: 4/19/02

Residence: 1100 SW 20 Place, Gainesville, Florida 32601, U.S.A.

Post Office Address: 1100 SW 20 Place, Gainesville, Florida 32601, U.S.A.

Citizenship: U.S.A.

DECLARATION

As below named inventors, I/we hereby declare:

That our residence(s), post office address(es) and citizenship are as stated below next to our/my name(s).

That I/we verily believe that I/we am/are an/the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MEMS BASED ACOUSTIC ARRAY

the specification of which (check one)

() is attached hereto.

(X) was filed on November 28, 2001 as Application Serial No. 09/997,113 and was amended on _____
(if applicable).

That I/we have reviewed and understand the contents of the above-identified specification, including the claims(s), as amended by any amendment referred to above.

That I/we acknowledge the duty to disclose information known to be material to patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

That I/we hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications

Priority Claimed

Number

Country

(Day/Month/Year Filed)

Yes No

Number

Country

(Day/Month/Year Filed)

Yes No

I/we hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

60/253,525
(Application Serial No.)

Nov. 28, 2000
(Filing Date)

That I/we hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date)

(Status) - (Patented, pending, abandoned)

(Application Serial No.) (Filing Date)

(Status) - (Patented, pending, abandoned)

Further, as a named inventor, I/we certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration, has X an assignment in, or license to the invention set forth in this application and has the irrevocable right to practice this application and to receive the patent.

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these, statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001; and that such willful false statements may Jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	LAST HUMPHREYS	FIRST William	MIDDLE OR INITIAL M.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME 873 Melrose Terrace	CITY AND STATE OR (COUNTRY) Newport News, Virginia	ZIP CODE 23608
SIGNATURE <i>William M. Humphreys</i>			DATE 4/15/02